

Figure 1a
Single Stage Fluid Bed
Reactor
for any Silicon
Containing Gas (Silane
or Trichlorosilane
and 3 SCG Inlet Coolers
(two of three shown))

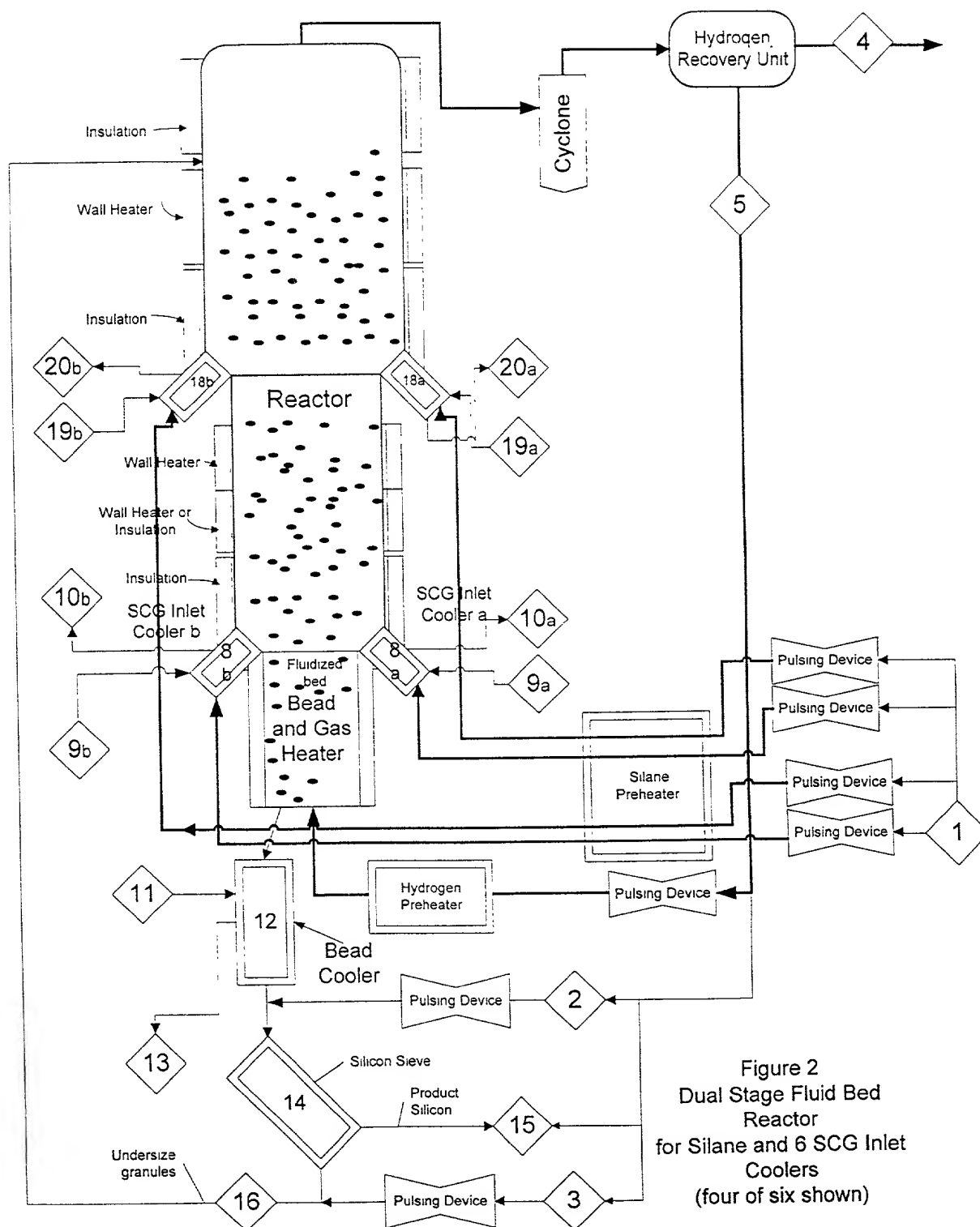


Figure 2
Dual Stage Fluid Bed
Reactor
for Silane and 6 SCG Inlet
Coolers
(four of six shown)

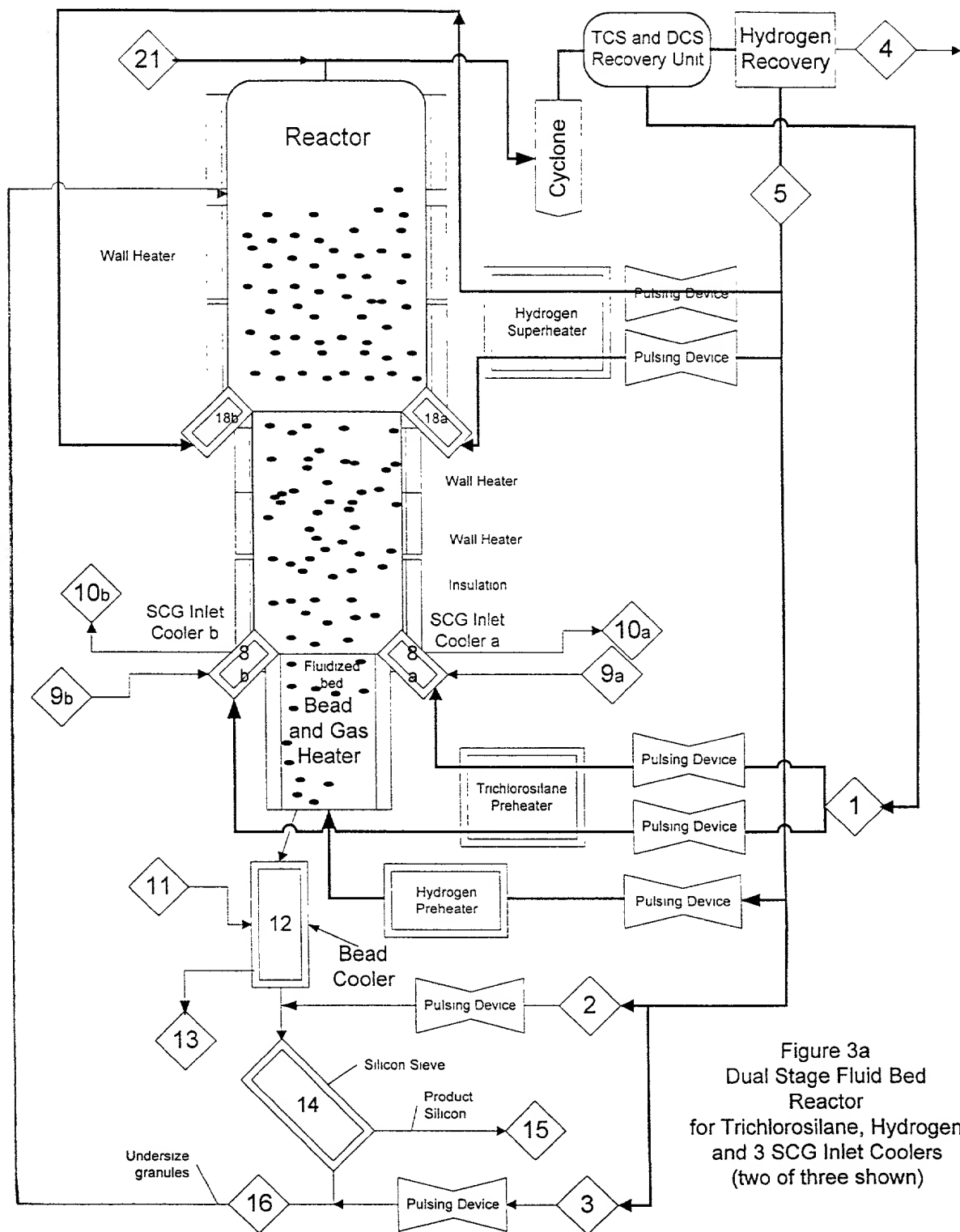


Figure 3a
Dual Stage Fluid Bed
Reactor
for Trichlorosilane, Hydrogen
and 3 SCG Inlet Coolers
(two of three shown)

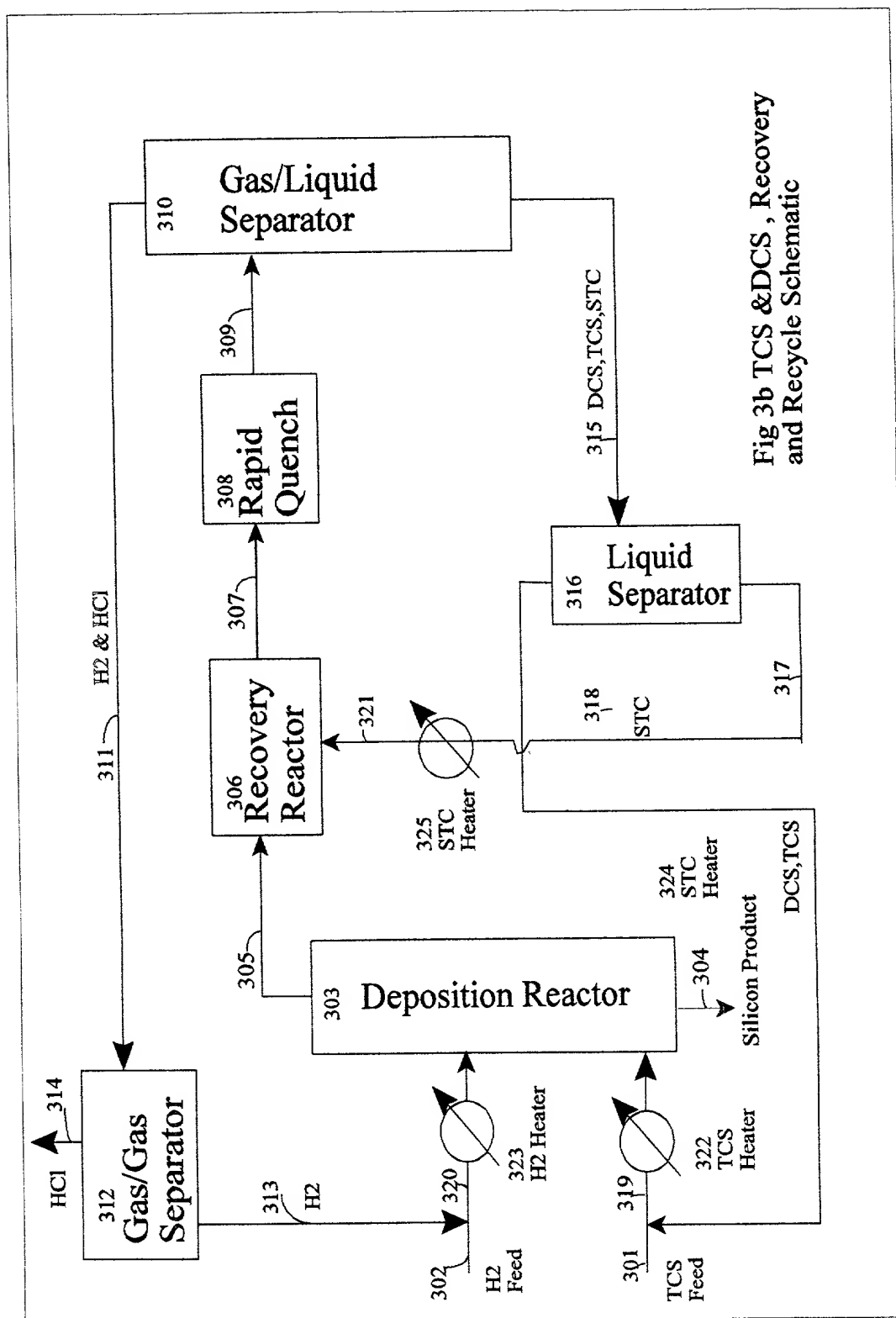


Fig 3b TCS & DCS , Recovery and Recycle Schematic

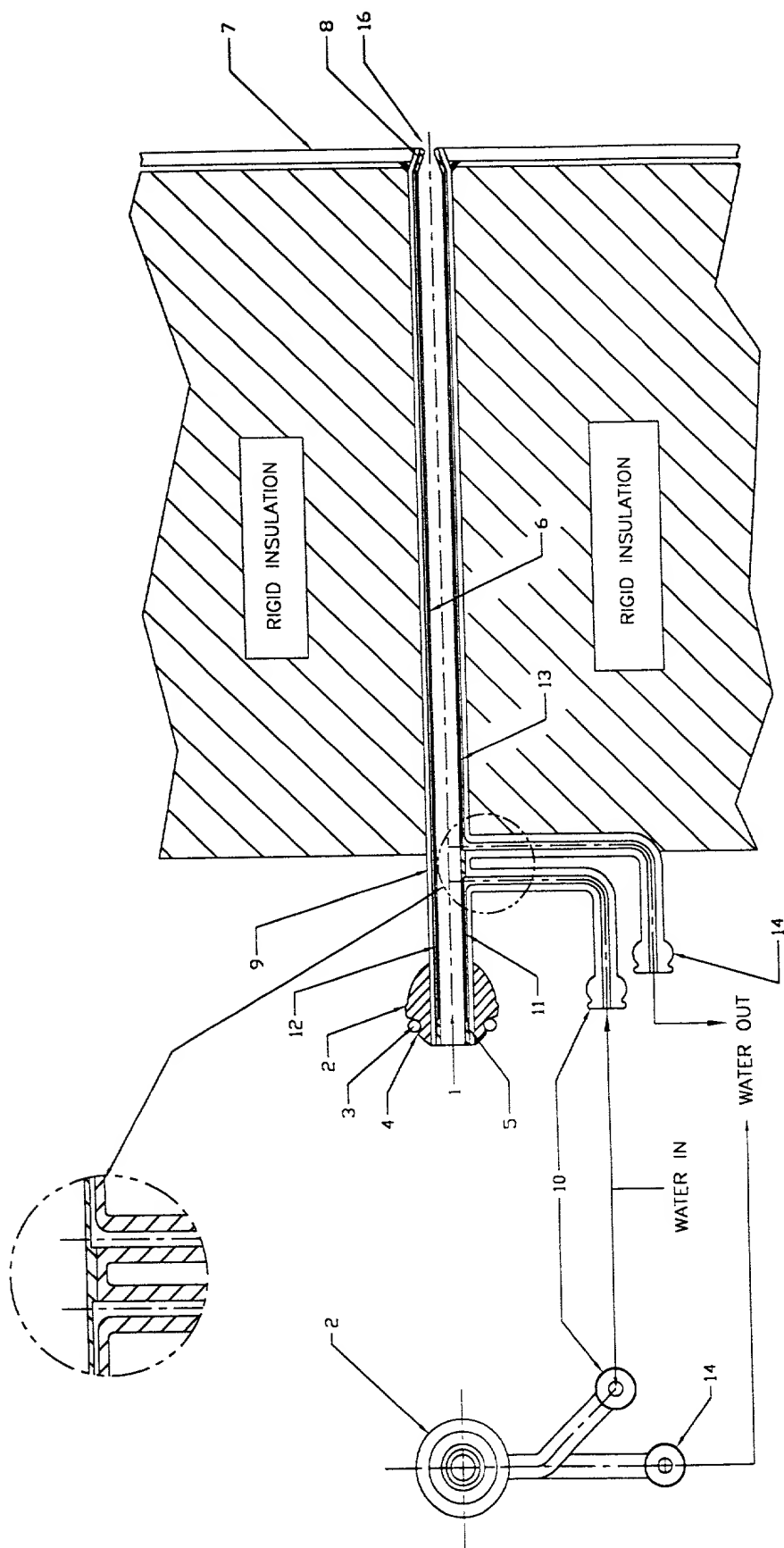


Fig 4a

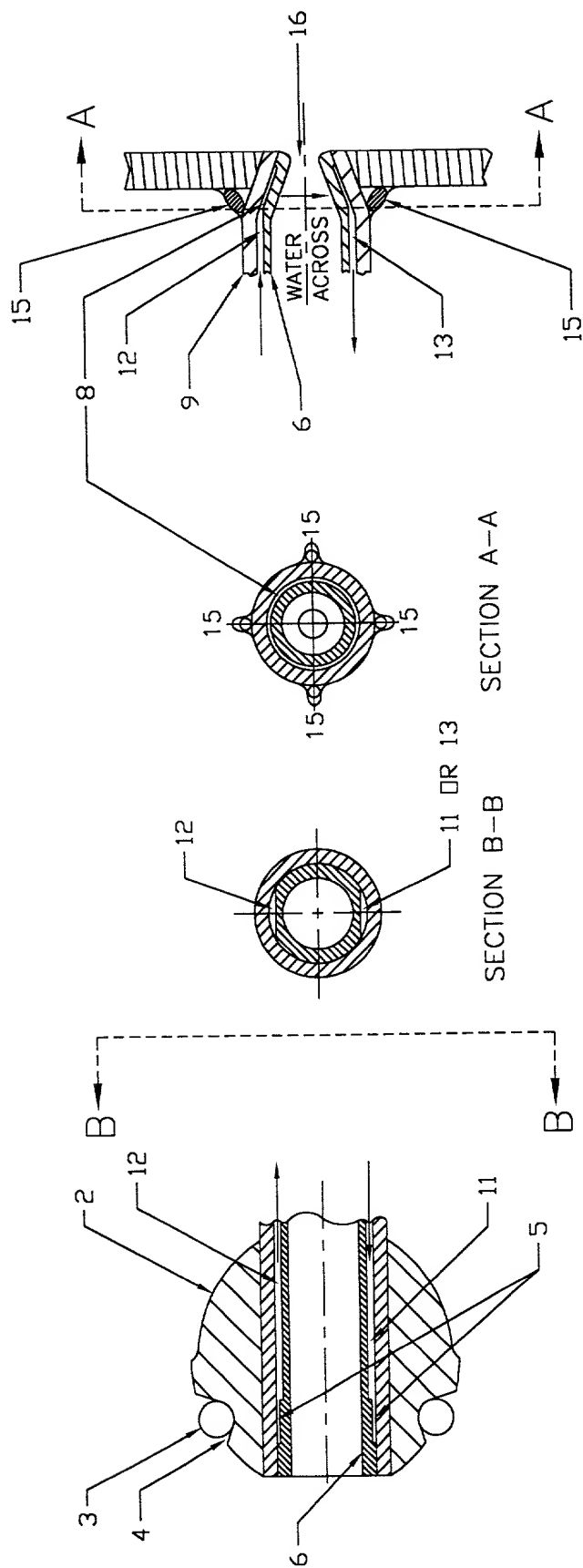
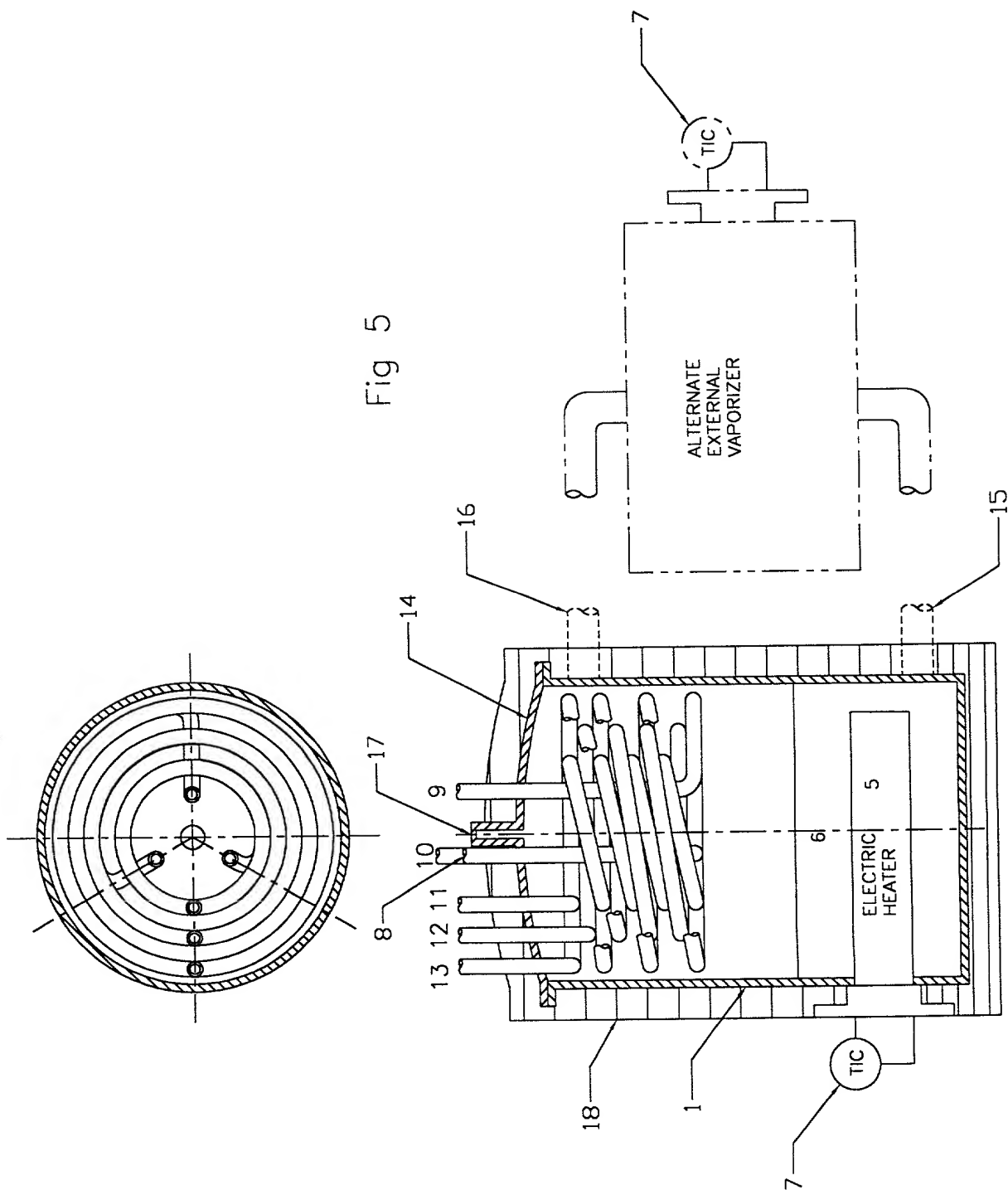


Fig 4b



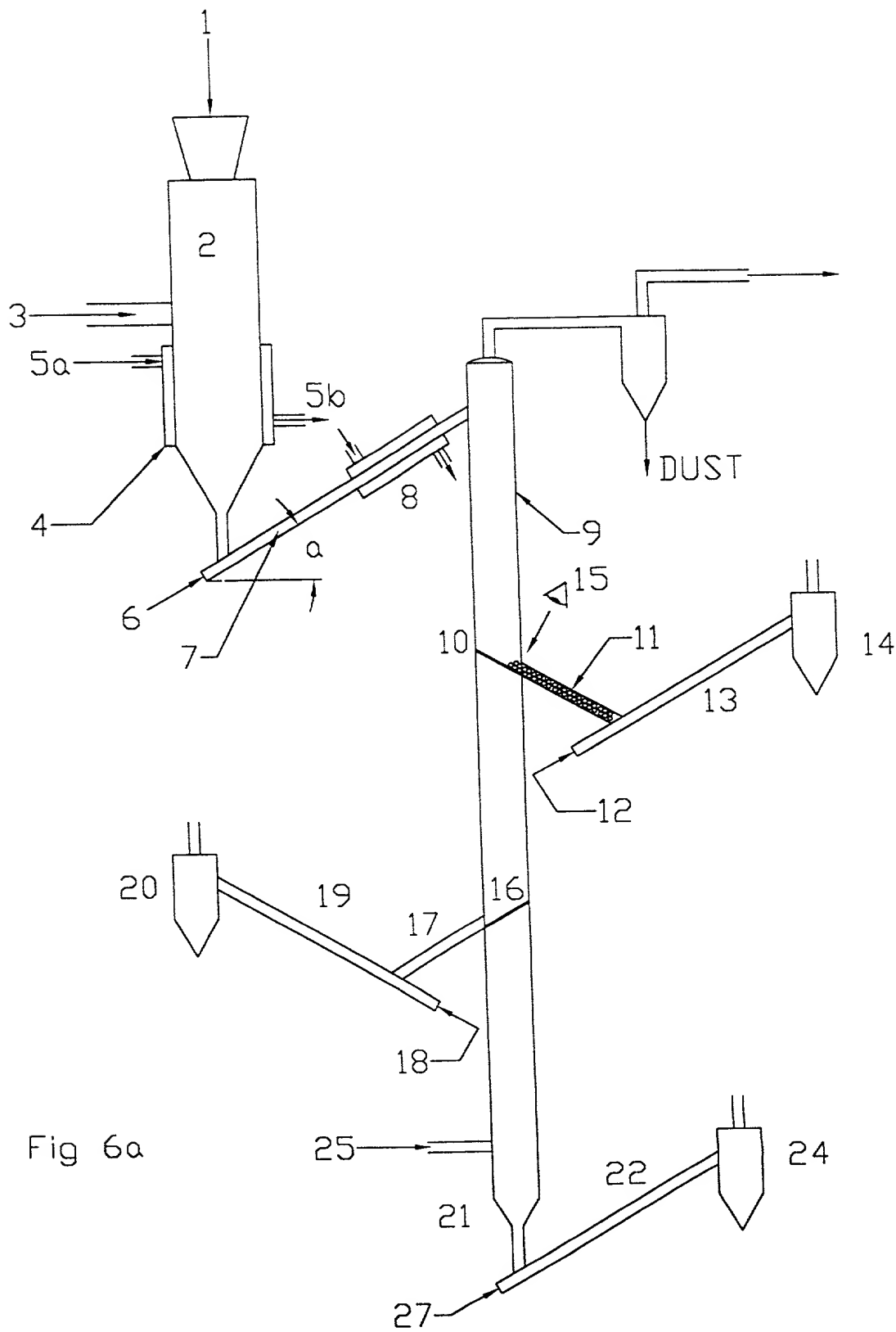


Fig 6a

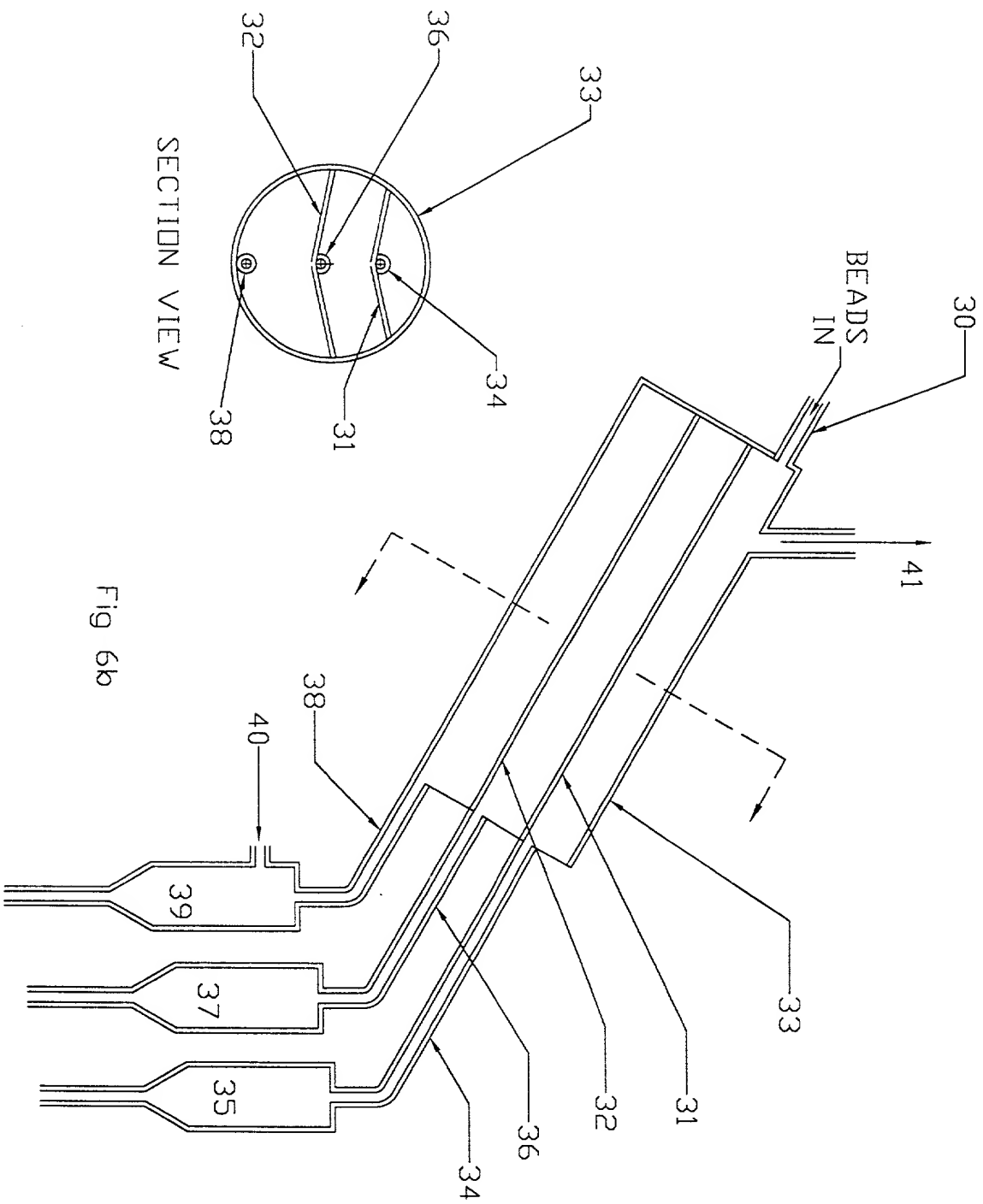


Fig 6b